

Electronic Data Interchange



Defense Finance & Accounting
Columbus, Ohio

ANSI ASC X12 Version

4010

SAMMS 820
Remittance Advice

October 6,

DFAS-CO-EDI OVERVIEW

This guide is intended to provide you with finger-tip information about our EDI program. DFAS-CO uses the American National Standards Institute (ANSI) Accredited Standards Committee (ASC) X12 Transactions Sets for EDI transmission.

The Trading Partner Agreement (TPA) is a formal agreement required to exchange data electronically. It outlines the duties and responsibilities of both trading partners. A copy of the DFAS-CO TPA is printed in Section 3 of the EdI Guide.

For your convenience, a DFAS-CO EDI Registration page is included in each appendix of these guides. Contractors need only register for DFAS-CO EDI to identify MOCAS and/or SAMMS systems and transaction types **ONE TIME**.

EDI SEGMENT USAGES

WHEN the...	THEN the...
segment "Usage" is "M"	segment is Mandatory per ASC X12
segment "Usage" is "O"	segment is Optional per ASC X12
segment is optional	"Req Des" applies only if you use that segment.
segment is optional per ASC X12, but required or conditional per DFAS-CO	notations are next to the ASC X12 requirement designator.
segment is DFAS-CO Required or Conditional	"DFAS-CO Req Des" reference determines which data elements to use.

DFAS-CO- FORMAT MIN/MAX

"DFAS-CO Format Min/Max" indicates the size of the field as used by DFAS-CO. Restrictions on this indicator beyond the ASC X12 specifications are the result of limitations or specific data format requirements within the DoD mainframe applications.

"DFAS-CO Req Des" denotes the requirement designator for the specific data field (element):

- "M" = Mandatory per ASC X12
- "R" = Required by DFAS-CO in any invoice
- "O" = Optional at the discretion of the invoice originator
- "C" = Conditional upon the type of invoice, contract terms, use of other related data element.

ACRONYM GLOSSARY

A

ABA	American Banking Association
ACH	Automated Clearing House
ACO	Administrative Contracting Officer
ACRN	Accounting Classification Reference Number
ANSI	American National Standards Institute
ASC	Accredited Standards Committee

C

CAGE Code	Contractor and Government Entity Code
CAO	Contract Administration Office
CCR	Central Contractor Registration
CCD+	Cash Concentration/Disbursement Plus
CLIN	Contract Line Item Number
COINS	Contractor Invoice System
CSO	Customer Service Office
CTX	Corporate Trade Exchange

D

DCMC	Defense Contract Management Command
DCAA	Defense Contract Audit Agency
DCMDE	Defense Contract Management District East
DFAS-CO	Defense Finance and Accounting Service - Columbus Center
DISA	Defense Information Systems Agency
DLA	Defense Logistics Agency
DLIS	Defense Logistics Information Service (Formerly DLSC)
DLSC	Defense Logistics Support Command (Formerly DLA-MM)
DoD	Department of Defense
DoDAAC	DoD Activity Address Code
DSSN	Disbursing Station Serial Number

E

ECPN	Electronic Commerce Processing Node (formerly Network Entry Point (NEP))
EDI	Electronic Data Interchange
EDIA	Electronic Data Interchange Association
EFT	Electronic Funds Transfer
ELIN	Exhibit Line Item Number

F

FACNET	Federal Acquisition Computer Network
FAR	Federal Acquisition Regulations

I

IC	Implementation Conventions
ISO	International Standards Organization

L

LMI	Logistics Management Institute
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ACRONYM GLOSSARY, cont'd

M

MOCAS Mechanization of Contract Administration Services

N

NSN National Stock Number

P

PIIN Procurement Instrument Identification Number (Contract Number)

R

REQ DES Requirement Designator

S

SBA Small Business Administration

SAMMS Standard Automated Materiel Management System

SPIIN Supplemental Procurement Instrument Identification Number (Call Number)

SLIN Two character alphabetical code attached to a CLIN to provide a subdivision of the line item

T

TCN Transportation Control Number

TRN Transit Routing Number

V

VAN Value Added Network

DFAS-CO EDI REGISTRATION

SAMMS **MOCAS** **Commercial Inv** **Public Vouchers** **820s**

CAGE CODE _____
COMPANY NAME _____
MAILING ADDRESS _____
CITY _____ STATE _____ ZIP + 4 CODE _____

PRIMARY POINT OF CONTACT _____
TELEPHONE NUMBER (_____) _____ FAX NUMBER (_____) _____
E-MAIL ADDRESS _____

SECONDARY POINT OF CONTACT _____
TELEPHONE NUMBER (_____) _____ FAX NUMBER (_____) _____
E-MAIL ADDRESS _____

>>>>>>>> THE FOLLOWING INFORMATION MUST BE OBTAINED FROM YOUR VAN! <<<<<<<<<

TP QUALIFIER _____
(Interchange ID Qualifier as assigned by VAN and used in Interchange Control Header - ISA segment)
EDI IDENTIFICATION NUMBER _____
(Interchange ID assigned by VAN and used in Interchange Control Header - ISA segment)
GS IDENTIFIER _____ (CAGE Code is preferred by DFAS-CO)
(Application Sender's Code or Group Code as used in Functional Group Header - GS segment)
CONTRACTOR'S VAN _____

FAX NUMBER:	(614) 693-6519	TP QUALIFIER:	ZZ
ADDRESS:	DFAS-CO-ERVA	EDI IDENTIFICATION NUMBER	DMCCOLUMBUS or DMCOGDEN
	P. O. BOX 182317	SEGMENT TERMINATOR:	CARRIAGE RETURN
	COLUMBUS OH 43218-2317	DATA ELEMENT SEPARATOR:	TILDE (~)
		VALUE ADDED NETWORK:	DISA ECPNs (FACNET)

*******Signing here will be considered confirmation that you have read and agree to the DFAS-CO Trading Partner Agreement in Section 3 of the EDI Guide*******

(Authorized Contractor Representative Signature) DATE _____

(Typed or Printed Name and TITLE)

820 PAYMENT ORDER / REMITTANCE ADVICE

ISA - INTERCHANGE CONTROL HEADER

Usage: M
Max Use: 1

Ref. Des./ Data Elem. #	X12 Name	DFAS-CO Format Min/Max	DFAS-CO Req Des	DFAS-CO Entry/Implementation Note
ISA01 I01	Authorization Information	ID 2/2	M	00 - No Authorization Info Present
ISA02 I02	Authorization information	AN 10/10	M	Blanks
ISA03 I03	Security Information Qualifier	ID 2/2	M	00 - No Security Info
ISA04 I04	Security Information	AN 10/10	M	Blanks
ISA05 I05	Interchange ID Qualifier	ID 2/2	M	ZZ - Mutually Defined unless otherwise instructed by VAN
ISA06 I06	Interchange Sender's ID	ID 15/15	M	DMCCOLUMBUS or DMCOGDEN (See Note)
ISA07 I05	Interchange ID Qualifier	ID 2/2	M	As instructed by VAN
ISA08 I07	Interchange Receiver's ID	ID 15/15	M	Contractor's EDI Identifier - Assigned by VAN
ISA09 I08	Interchange Date	DT 6/6	M	Assigned by the Translation Software
ISA10 I09	Interchange Time	TM 4/4	M	Assigned by the Translation Software
ISA11 I10	Interchange Control Standard Identifier	ID 1/1	M	U - US RDI Community of ASC X12
ISA12 I11	Interchange Control Version	ID 5/5	M	00305 - Version 3050
ISA13 I12	Interchange Control Number	NO 9/9	M	Assigned by Translation Software
ISA14 I13	Acknowledgment Requested	ID 1/1	M	0 - Acknowledgment Requested
ISA15 I14	Test Indicator	ID 1/1	M	P - Production Data
ISA16 I15	Component Element Separator	AN 1/1	M	As established within senders Translation Software

Note: Contact your VAN to find out which ID to use here. This entry will depend on the selected VAN and its primary ECPN (FACNET) connection.

820 PAYMENT ORDER / REMITTANCE ADVICE

GS - FUNCTIONAL GROUP HEADER

Usage: M
 Max Use: 1

Ref. Des./ Data Elem. #	X12 Name	DFAS-CO Format Min/Max	DFAS-CO Req Des	DFAS-CO Entry/Implementation Note
GS01 479	Functional ID Code	ID 2/2	M	RA - Payment/Remittance Advice
GS02 142	Application Sender's Code	AN 6/6	M	SC0700
GS03 124	Application Receiver's Code	AN 2/15	M	Contractor's EDI Identifier Code Prefer Cage Code
GS04 373	Group Date	DT 8/8	M	Assigned by Translation Software
GS05 337	Group Time	TM 4/8	M	Assigned by Translation Software
GS06 28	Group Control Number	NO 1/9	M	Assigned by Translation Software
GS07 455	Responsible Agency Code	ID 1/1	M	X - Accredited Standards Committee X12
GS08 480	Version/Release/Industry ID	AN 12/12	M	004010D820_0 - Version 4010 - DoD 820 IC

ST - TRANSACTION SET HEADER

Table/Position: 1/010
 Usage: M
 Max Use: 1

Ref. Des./ Data Elem. #	X12 Name	DFAS-CO Format Min/Max	DFAS-CO Req Des	DFAS-CO Entry/Implementation Note
ST01 143	Transaction Set Identifier Code	ID 3/3	M	820 - Payment Order/Remittance Advice
ST02 329	Transaction Set Control Number	AN 4/9	M	Identifying Control Number assigned by originator

820 PAYMENT ORDER / REMITTANCE ADVICE

BPR - BEGINNING SEGMENT FOR PAYMENT ORDER/REMITTANCE ADVICE

Table/Position: 1/020
Usage: M
Max Use: 1

Ref. Des./ Data Elem. #	X12 Name	DFAS-CO Format Min/Max	DFAS-CO Req Des	DFAS-CO Entry/Implementation Note
BPR01 305	Transaction Handling Code	ID 1/1	M	I - Remittance Information Only - to VAN
BPR02 782	Monetary Amount	R 1/14	M	Total Amount of Payment (See Note 1)
BPR03 478	Credit/Debit Flag Code	ID 1/1	M	C -Credit
BPR04 591	Payment Method Code	ID 3/3	M	ACH - Automated Clearing House
BPR05 812	Payment Format Code	ID 3/3	R	CTX - CTX Format (SAMMS)
BPR06 506	DFI Identification Number Qualifier	ID 2/2	R	01 - American Banking Association (ABA) Transit Routing Number (TRN) including Check Digits
BPR07 507	DFI Identification Number	AN 9/9	R	Disbursing Office's RTN
BPR08 569	Account Number Qualifier	ID 3/3	R	ALC - Agency Location Code
BPR09 508	Account Number	AN 8/8	R	0000 +DSSN (See Note 2)
BPR10 509	Originating Company Identifier	AN 0/0	O	Not Used
BPR11 510	Originating Company Supplemental Code	AN 0/0	O	Not Used
BPR12 506	Receiving Depository Financial Institution's ID Number Qualifier	ID 2/2	R	01 - ABA Transit Routing Number
BPR13 507	Receiving Depository Financial Institution's ID Number	AN 9/9	R	Receiving Financial Institution RTN
BPR14 569	Account Number Qualifier	ID 2/2	R	DA - Demand Deposit SG - Savings
BPR15 508	Account Number	AN 1/17	R	Account Number
BPR16 373	Date	DT 8/8	R	Payment Effective Date (ccyyymmdd)
BPR17 1048	Business Function Code	ID 3/3	R	VEN - Vendor Payment

Note 1: DFAS-CO will always include a decimal point and two (2) decimal places.

Note 2: DFAS-CO will send a separate 820 for each DSSN.

820 PAYMENT ORDER / REMITTANCE ADVICE

TRN - TRACE

Table/Position: 1/035
 Usage: O (DFAS-CO Required)
 Max Use: 1

Ref. Des./ Data Elem. #	X12 Name	DFAS-CO Format Min/Max	DFAS-CO Req Des	DFAS-CO Entry/Implementation Note
TRN01 481	Trace Type Code	ID 1/1	M	1 - Current Transaction Trace Numbers System Generated Transaction Trace Number
TRN02 127	Reference Identification	AN 1/15	M	

CUR - CURRENCY

Table/Position: 1/040
 Usage: O (DFAS-CO Conditional*)
 Max Use: 1

Ref. Des./ Data Elem. #	X12 Name	DFAS-CO Format Min/Max	DFAS-CO Req Des	DFAS-CO Entry/Implementation Note
CUR01 98	Entity ID Code	ID 2/2	M	PR - Payer
CUR02 100	Currency Code	ID 3/3	M	Standard ISO for Country in whose currency the charges are specified
CUR03 280	Exchange rate	R 4/6	R	Exchange Rate

* DFAS-CO will only use this segment when paying in Foreign Currency.

820 PAYMENT ORDER / REMITTANCE ADVICE

N1 - NAME

Table/Position: 1/070
Usage: O (DFAS-CO Required)
Max Use: 1 (per N1 loop)
Loop Repeat: >1 (DFAS USE - 2 in each 820)

Ref. Des./ Data Elem. #	X12 Name	DFAS-CO Format Min/Max	DFAS-CO Req Des	DFAS-CO Entry/Implementation Note
N101 98	Entity Identifier Code	ID 2/2	M	PE - Payee
N102 93	Name	AN 1/28	R	Contractor Name
N103 66	Identification Code Qualifier	ID 2/2	R	33 - CAGE Code
N104 67	Identification Code	ID 5/5	R	Contractor And Government Entity (CAGE) Code
N101 98	Entity Identifier Code	ID 2/2	M	PR - Paying Office
N102 93	Name	AN 0/0	O	Not Used
N103 66	Identification Code Qualifier	ID 2/2	R	10 - DoDAAC Code
N104 67	Identification Code	ID 6/6	R	DoDAAC Code of the Paying Office

PER - ADMINISTRATIVE COMMUNICATIONS CONTACT

Table/Position: 1/120
Usage: O (DFAS-CO REQUIRED)
Max Use: >1 (per N1 loop)

Ref. Des./ Data Elem. #	X12 Name	DFAS-CO Format Min/Max	DFAS-CO Req Des	DFAS-CO Entry/Implementation Note
PER01 366	Contact Function Code	ID 2/2	M	IC - Information Contact
PER02 93	Name	AN 1/13	R	DFAS-CO-L (Payment Division)
PER03 365	Communication Number Qualifier	ID 2/2	R	TE - Telephone
PER04 364	Communication Number	AN 10/10	R	800XXXXXXXX

ENT - ENTITY

Table/Position: 2/010
Usage: O (DFAS-CO REQUIRED)
Max Use: 1 (per ENT loop)
Loop Repeat: >1

Ref. Des./ Data Elem. #	X12 Name	DFAS-CO Format Min/Max	DFAS-CO Req Des	DFAS-CO Entry/Implementation Note
ENT01 554	Assigned Number	NO 1/1	R	1 - DFAS-CO to One CAGE Code

820 PAYMENT ORDER/REMITTANCE ADVICE

RMR- REMITTANCE ADVICE ACCOUNTS RECEIVABLE OPEN ITEM REFERENCE

Table/Position: 2/150
Usage: O (DFAS-CO REQUIRED)
Max Use: 1 (per RMR loop)
Loop Repeat: >1

Ref. Des./ Data Elem. #	X12 Name	DFAS-CO Format Min/Max	DFAS-CO Req Des	DFAS-CO Entry/Implementation Note
RMR01 128	Reference Identification Qualifier	ID 2/2	R	OI - Original Invoice Number
RMR02 127	Reference Identification	AN 1/10	R	Invoice Number
RMR03 482	Payment Action Code	ID 2/2	R	PI – Payment Item
RMR04 782	Monetary Amount	R 1/14	R	Net Amount Paid (After Discounts and/or Adjustments) (See Note)
RMR05 782	Monetary Amount	R 1/14	R	Invoice Amount (Before Discounts and/or Adjustments) (See Note)
RMR06 782	Monetary Amount	R 1/14	C	Discount Amount Taken On Above Invoice (See Note)
RMR07 426	Adjustment Reason Code	ID 2/2	C	MC – Miscellaneous Costs
RMR08 782	Monetary Amount	R 1/14	C	Penalty amount and/or Transportation charges paid if applicable (See Note1 & 2)

Note 1: DFAS-CO will always include a decimal point and two decimal places.
Note 1: See detail in REF and ADX segments for transportation

REF - REFERENCE IDENTIFICATION

Table/Position: 2/170
Usage: O (DFAS-CO REQUIRED)
Max Use: >1 (per RMR loop)

Ref. Des./ Data Elem. #	X12 Name	DFAS-CO Format Min/Max	DFAS-CO Req Des	DFAS-CO Entry/Implementation Note
REF01 128	Reference Identification Qualifier	ID 2/2	M	GC – Contract Number
REF02 127	Reference Identification	AN 13/13	R	Contract Number / PIIN
REF01 128	Reference Identification Qualifier	ID 2/2	C	DO –Delivery order Number (If Required)
REF02 127	Reference Identification	AN 4/4	C	CALL #/Delivery Order # /SPIIN
REF01 128	Reference Identification Qualifier	ID 2/2	C	C7 - CLIN
REF02 127	Reference Identification	AN 4/6	M	CLIN – Line item number
REF03 352	Description	AN 3/14	R	Gross \$ for CLIN

820 PAYMENT ORDER/REMITTANCE ADVICE

DTM - DATE/TIME REFERENCE

Table/Position: 2/180
 Usage: O (DFAS-CO REQUIRED)
 Max Use: >1(per RMR loop)

Ref. Des./ Data Elem. #	X12 Name	DFAS-CO Format Min/Max	DFAS-CO Req Des	DFAS-CO Entry/Implementation Note
DTM01 374	Date/Time Qualifier	ID 3/3	M	003 - Invoice
DTM02 373	Date	DT 8/8	R	Contractors Invoice Date Date (CCYYMMDD format)

ADX - ADJUSTMENT

Table/Position: 2/210
 Usage: O (DFAS-CO Conditional)
 Max Use: 1 (per ADX loop)
 Loop Repeat: >1

Ref. Des./ Data Elem. #	X12 Name	DFAS-CO Format Min/Max	DFAS-CO Req Des	DFAS-CO Entry/Implementation Note
ADX01 782	Monetary Amount	R 1/14	M	Monetary Amount
ADX02 426	Adjustment Reason Code	ID 2/2	M	SF - Shipping and Freight Charge E1 - Recoupment L6 - Interest Owed L2 - Discount (only used for refund of discount)

Any ADX segment segment will always be followed by at least two REF segments
 One will identify the Contract Number
 One will identify the CLIN Number
 A third REF segment may show the call number if applicable
 * If the ADX02 code is L6 there will be an additional three REF segments

REF - REFERENCE IDENTIFICATION

Table/Position: 2/240

Usage: O (DFAS-CO Conditional)

Max Use: >1 (per RMR loop)

Note; The REF segments identify which contract/delivery order/clin each ADX dollar amount is associated with

Ref. Des./ Data Elem. #	X12 Name	DFAS-CO Format Min/Max	DFAS-CO Req Des	DFAS-CO Entry/Implementation Note
REF01 128	Reference Identification Qualifier	ID 2/2	M	GC – Contract Number
REF02 127	Reference Identification	AN 13/13	R	Contract Number / PIIN
REF01 128	Reference Identification Qualifier	ID 2/2	C	DO –Delivery order Number (If Required)
REF02 127	Reference Identification	AN 4/4	C	CALL #/Delivery Order # /SPIIN
REF01 128	Reference Identification Qualifier	ID 2/2	C	C7 - CLIN
REF02 127	Reference Identification	AN 4/6	M	CLIN – Line item number
REF03 352	Description	AN 3/14	R	Gross \$ for CLIN
REF01 128	Reference Identification Qualifier	ID 2/2	C	RB – Rate Code Number Use when the ADX02 code is L6 (Interest Owed), to indicate the interest rate used to calculate the interest paid.
REF02 127	Reference Identification	AN 3/5	C	Interest Rate – Include decimal point Pos. 1-2 = Percent Integer Pos. 3 = Decimal Point Pos. 4 5 = Percent Fraction
REF01 128	Reference Identification Qualifier	ID 2/2	C	TD –Reason for Change
REF02 127	Reference Identification	AN 2/2	C	Late Payment Code
REF01 128	Reference Identification Qualifier	ID 2/2	C	XX – Rating Period
REF02 127	Reference Identification	AN 3/3	C	Number of Days

SE - TRANSACTION SET TRAILER

Table: 3/010
Usage: M
Max Use: 1

Ref. Des./ Data Elem. #	X12 Name	DFAS-CO Format Min/Max	DFAS-CO Req Des	DFAS-CO Entry/Implementation Note
SE01 96	Number of Included Segments	NO 1/6	M	Assigned by software
SE02 329	Transaction Set Control Number	AN 4/9	M	Control Number (the same as in ST02 in Header)

GE - FUNCTIONAL GROUP TRAILER

Usage: M
Max Use: 1

Ref. Des./ Data Elem. #	X12 Name	DFAS-CO Format Min/Max	DFAS-CO Req Des	DFAS-CO Entry/Implementation Note
GE01 97	Number of Included Sets	NO 1/6	M	Assigned by Translation Software
GE02 28	Group Control Number	NO 1/9	M	Assigned by Translation Software (the same as in GS06 in Header)

IEA - INTERCHANGE CONTROL TRAILER

Usage: M
Max Use: 1

Ref. Des./ Data Elem. #	X12 Name	DFAS-CO Format Min/Max	DFAS-CO Req Des	DFAS-CO Entry/Implementation Note
IEA01 I16	Number of Included Functional Groups	NO 1/5	M	Assigned by Translation Software
IEA02 I12	Interchange Control Number	NO 9/9	M	Assigned by Translation Software (the same as in ISA13 in Header)